

DAT Conference Call Summary 3/25/2008

I. Participants

JSpeegle(FWS), JWhite(DFG), AChu(DWR), EGleason(DFG),
BOppenheim(NMFS), FFeyrer(DWR), TBoardman (SLDMWA), MMorrow
(DWR), KTotzke (KCWA), RShahcheraghi(DWR), GAasen (DFG), TWashburn
(USBR), DAbellon (DWR). LBartoo (FWS), ADvorak (SWC)

II. Conclusions and Recommendation

No operational changes were recommended at this time.

Next DAT Call: Tuesday, 4/1/2008, 9:00 am - 11:00 am, (916) 657-4111.

III. Chinook Salmon Monitoring

Red Bluff Diversion Dam: For the period 3/17/08 - 3/23/08 average daily passage was 3,752 (fall run), 0 (late-fall run), 20 (winter-run), 13 (spring-run) and 0 (steelhead/O. Mykiss)

FWS posts biweekly reports on the Bay-Delta and Tributaries Project website, at http://baydelta.ca.gov/Php/Special_Reports/red_bluff.php

Mill Creek: Total catch of fall run sized fry for the week was 233, which was substantially lower than the previous week. 4 steelhead were also collected.

Deer Creek: Due to low flows only 2 days of sampling were completed (16-17th and 19-20th) and only 4 fry-sized salmon were collected.

Butte Creek: No report.

GCID: No report.

Knights Landing: Catch continued to decline compared to previous weeks, average daily catch was 0-3 fry.

IV. Delta Monitoring

For the period 03/16/2008 - 03/22/2008

Sac KDTR, 3 days, 30 samples, 1 CHNS & no other species of concern
Mosssdale KDTR, 3 days, 29 samples, No species of concern
Chippis MWTR, 2 days, 25 samples, 7 CHNW, 2 CHNT, 1 RBT (Adult), 14 LFS & 4 DSM

*The delta smelt were collected on the 17th and 20th.

*Chippis MWTR is only sampling 2-d per week due to the delta smelt catch

LS Seine, 1 day, 4 samples, 19 CHNF & 1 CHNS
Sac Seine, 1 day, 3 samples, 43 CHNF & 1 CHNT
ND Seine, 1 day, 6 samples, 27 CHNF, 1 CHNS & 1 CHNT
CD Seine, 1 day, 8 samples, 4 CHNF & 1 CHNS
SD Seine, 1 day, 8 samples, 6 CHNF & no other species of concern
SJ Seine, 1 day, 5 samples, No species of concern
Bay Seine, 1 day, 5 samples, No species of concern

V. Delta Smelt Monitoring

Spring Kodiak Trawl: <http://www.delta.dfg.ca.gov/data/skt/>

The next Survey is scheduled to begin April 7th.

20mm Survey: <http://www.delta.dfg.ca.gov/data/20mm/>

For the Survey completed 3/17-3/21, at least one sample from 36 stations has been processed. Results so far:

1 adult delta smelt measuring 66mm was collected at station 809. It was checked for expression of milt or eggs. None were expressed, and the individual was released alive with no record of sex or stage.

801 longfin smelt were collected from 20 stations and were 6-31mm (avg = 14mm)

It was noted that the 6 new sites being sampled in the Cache Slough region (718, 719, 720, 723, 724, 726) are being reported on the website in the table but they do not yet appear in the map. They will be added to the map soon.

Survey 2 will start on April 1st.

DSWG: http://www.fws.gov/sacramento/es/delta_smelt_working_group.htm

The DSWG met 3/24/08 and made a recommendation for the FWS. FWS will make their recommendation to WOMT on 3/25/08

VI. Salvage Facilities

Salvage web site: <http://www.delta.dfg.ca.gov/Data/Salvage/>

Reporting Period: 03/17/2008 to 03/23/2008

Chinook salmon:

Winter-run sized salmon continued to be salvaged at the CVP and SWP fish facilities.

The daily salvage and loss of winter-run sized adipose clipped salmon appear to be lower than not clipped salmon during this period at both facilities. Numbers of clipped and unclipped winter-run salmon dropped at the CVP and increased at the SWP.

For this reporting period, loss of winter-run clipped was 4 at the CVP and 61 at the SWP. For this reporting period, loss of winter-run unclipped was 41 at the CVP and 165 at the SWP. Season total loss for unclipped W-Run is 341 at the CVP and 922 at the SWP.

No fall-run sized unclipped salmon were salvaged at the CVP or SWP during this period. No late fall-run sized unclipped salmon were salvaged at the SWP or CVP.

Spring-run sized unclipped salmon (24) were salvaged at the CVP. Spring-run sized unclipped salmon (8) and clipped salmon (26) were salvaged at the SWP.

Season total loss for all races for both facilities is 5758 ad clipped and 1593 nonclipped salmon

Steelhead:

Compared to last reporting period, the daily numbers of salvaged steelhead are lower (15 vs. 45) at the CVP but higher at the SWP (42 vs. 14).

For the period of reporting, at the CVP, the salvage total of clipped steelhead is 7 and for nonclipped is 8. For the period of reporting, at the SWP, the salvage total clipped steelhead is 28 for nonclipped is 14.

Seasonal total salvage for CVP is 1506 clipped and 235 nonclipped steelhead. Seasonal total salvage for SWP is 1203 clipped and 543 nonclipped steelhead

Delta smelt:

Only CVP reported salvaging delta smelt during this period

For this reporting period, the total salvage at CVP was 4. The single delta smelt collected (which expanded to 4) was 64mm and female with eggs intact.

Seasonal salvage totals are 249 for CVP and 98 for SWP

No larvae less than 20 mm were sampled.

Longfin smelt:

Only CVP reported salvaging juvenile longfin smelt during this period.

For this reporting period, the total salvage at CVP was 4 (1 26-mm juvenile).

No larvae less than 20 mm were sampled.

Sacramento splittail:

Only SWP reported salvaging Sacramento splittail during this period.

For this reporting period, salvage totals for splittail was 145 for SWP which was an increase from the last reporting period (49). Total seasonal salvage for both facilities was 4189.

Sturgeon:

No green or white sturgeons were collected.

VII. Operations

SWP Reports: <http://swpoco.water.ca.gov/>

USBR CVO Reports: <http://www.usbr.gov/mp/cvo/>

SWP:

CCFB – 1,000cfs.

Oroville – 1,050cfs

San Luis - SWP share of San Luis capacity is 917 taf.

X2 - ~ 71 km

E/I - 14-day ~18%

CVP:

Jones PP – 2,600cfs.

DCC - closed.

Trinity - 300cfs

Clear Creek - 200cfs

Keswick – 3,250cfs.

Nimbus – 1,000cfs

Goodwin –1,500cfs

San Luis - CVP share of capacity is 794 taf.

Flows:

Sacramento River at Freeport ~ 10,500cfs

Fremont Weir ~ 0

San Joaquin River at Vernalis ~ 2,400cfs

Delta Outflow ~ 9,476cfs. 3-day average is 9,465cfs.

Old & Middle River flow ~ 7-day average is -885 cfs as of March 22nd
(provisional estimate is -1,310cfs as of march 24th.).

Temperature:

Daily average for 3/24/08

Antioch ~ 14.9C

Rio Vista ~ 14.7C

Mossdale ~ 16.2C

3-Station Average ~ 15.3C

VIII. Delta Water Quality

Since December 28, the Delta is in excess conditions due to OMR fish action objective. Delta water quality is okay and salinity levels remain below concern levels except south delta.

Chipps Island X2 standard:

The standard must be met for the full 31 days by a maximum daily EC of 2.64, a maximum 14-day running average EC of 2.64 or 3-day outflow of 11,400cfs.

Delta Cross Channel:

The gates must be closed from February 1st to May 20th for the protection of winter-run Chinook.

Contra Costa Canal:

Cl \leq 250 mg/L. In addition, Cl \leq 150 mg/L for 165 days per year.

South Delta:

30-day average EC \leq 1.0.

Suisun Marsh:

\leq 8.0mS/cm.

Final copies of the DAT notes are now available on the CALFED Operations website at <http://www.woco.water.ca.gov/calfedops/datsummaries.html>